


DESIGN MEMORANDUM NO. 2-04

TO: Chief District Engineers
Design Engineers
Active Consultants

FROM: Gary W. Sharpe, P.E.
Director
Division of Highway Design 

DATE: February 4, 2004

SUBJECT: Intersection Design Guidelines

The Highway Design Manual continues to undergo an extensive revision. As the final draft of each chapter is completed, it will be released as a Design Memorandum so as to implement that specific policy, procedure, or criteria as soon as possible.

This specific Design Memorandum deals with Intersection Design Guidelines. A copy of the Intersection Design Guidelines can be obtained from the Division of Highway Design's Web page at <http://www.kytc.state.ky.us/design/designmanual/>.

The Intersection Design Guidelines contains information on the design of at-grade intersections, grade separations without ramps, and interchanges. Also included are the basic procedures to be followed when designing intersections. Exhibits included show cross road profile adjustment, ramp tapers, ramp terminals, and ramp typical sections.

Effective with this memorandum, the Intersection Design Guidelines should be utilized for all new projects or for existing projects that have not advanced beyond the Preliminary Line and Grade stage. Plans, Design Executive Summaries, Plan Submittals, etc., should reflect the new policy.

Projects that have advanced beyond Preliminary Line and Grade, but will be let to contract prior to July 1, 2004, may use the criteria and features from the previous Highway Design Manual. However, it is allowable to use any of the policy written in the Intersection Design Guidelines of the upcoming Highway Design Manual for these type projects if necessary or desired by the Project Manager/Project Team.

Projects let to contract after July 1, 2004, must comply with Intersection Design Guidelines unless otherwise approved by the Director of Highway Design.

Any questions regarding this memorandum should be directed to this office.

GWS:JDJ:JQ:JAD